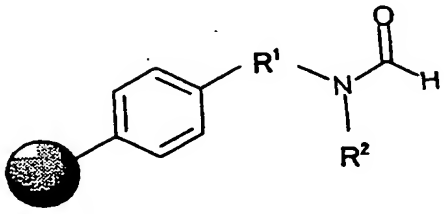
## ABSTRACT

**Polymer-immobilized form amides characterized by being represented by the general formula:**




**(wherein $R^1$ is an optionally substituted hydrocarbon chain which may have a cyclic moiety or a heteroatom; $R^2$ is an optionally substituted hydrocarbon group or an optionally substituted hydrocarbon chain which is bonded to $R^1$ to form a ring; and the solid circle represents a polymer); novel organic catalysts containing the same, which catalysts are free from metallic catalyst components and very easy of recovery from reaction mixtures of synthesis and reuse; polymer-immobilized organic compounds useful as intermediates for synthesis; catalysts containing the same as the active ingredient; and a process for the allylation of aldehydes or hydrazones by the use of these catalysts.**